

Excerpt from AS/NZS 3760:2003 In Service Safety Inspection and Testing of Electrical Equipment

Table 4 : Testing and Inspection Intervals for Electrical Equipment

Caution: This must be read in conjunction with the Standard as a whole, and particularly Clause 2.1

Type of environment and/or equipment	Interval between inspection and tests						Cord extension sets and EPOD's
	Class of equipment		Residual Current Devices (RCD's)				
	Class 1	Class 2	Push Button test by user		Operating time RCD tester		
	Protectively earthed	Double Insulated	Portable	Fixed	Portable	Fixed	
a	b	c	d	e	f	g	h
1 Factories, workshops, places of work or repair manufacturing, assembly, maintenance or fabrication	6 months	12 months	Daily, or before every use, which ever is the longer	6 months	12 months	12 months	6 months
2 Laboratories, health care and educational establishments, tea rooms and office kitchens	12 months	12 months	3 months, or before every use, which ever is the longer	6 months	2 years	2 years	12 months
3 Office environment: Where the equipment or supply flexible cord is subject to flexing in normal use OR is open to abuse OR is in a hostile environment	12 months	12 months	3 months	6 months	2 years	2 years	12 months
4 Office environment: Where the equipment or supply cord is NOT subject to flexing in normal use AND is NOT open to abuse and is NOT in a hostile environment	5 years	5 years	3 months	6 months	2 years	2 years	5 years
5 Hire equipment (note3)	Inspect before each hire. Test monthly	Inspect before each hire. Test monthly	Prior to each hire. Test monthly	NA	Prior to each hire. Test monthly	NA	Inspect before each hire. Test monthly
6 Repaired/service/second hand equipment	After repair or service which could effect electrical safety, or on re-introduction to service						
7 Equipment used for commercial cleaning	6 months	12 months	3 months	NA	2 years	NA	12 months
8 Residential type areas: Residential institutions, hotels, boarding houses, hospitals, accomodation houses, motels, hostels and the like	2 years	2 years	6 months	6 months	2 years	2 years	2 years

NOTES:-

- 1 Multiple enviroments may exist in any location eg: An 'office' classification and a 'laboratory' classification may exist within a 'factory' establishment
- 2 Regulatory Authorities, other Standards, workplace saftey requirements or manufacturers' instructions may specify intervals appropriate to particular industries or specific types of equipment
- 3 RCDs in transportable equipment shall be regarded as portable RCD's
- 4 The following Standards refer only to the inspection and testing methods of Clause 2.3 of this Standard, but not to the intervals of testing in Table 2 above. Refer to the appropriate standard for specific test
 - AS 3001 Electrical installations - Movable premises (including caravans) and their installation
 - AS 3002 Electrical installations - Shows and Carnivals
 - AS/NZS 3003 Electrical installations - Patient treatment areas of hospitals and medical and dental practices
 - AS 3004 Electrical installations - Marinas and pleasure craft at low voltage
 - AS/NZS 3012 Electrical installations - Construction and demolition sites
 - AS/NZS 4249 Electrical saftey practices - Film, video and television sites